

Converting Colors

$Yxy(35.5994, 0.3056, 0.4464)$

Have a look what the booklet for
Yxy(35.5994, 0.3056, 0.4464)
contains.

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Color

Yxy(35.5912, 0.3057, 0.4464)

Conversions

Conversions Part 1

Format	Color
Hex	6AB16C
RGB	106, 177, 108
RGB Percent	42%, 69%, 42%
CMY	0.5842, 0.3059, 0.5766
CMYK	0.40, 0.00, 0.39, 0.31
HSL	122°, 31%, 55%
HSV	122°, 40%, 69%
XYZ	24.3733, 35.5912, 19.7649
YIQ	147.9050, -20.1670, -36.5110

Conversions

Conversions Part 2

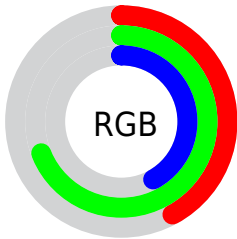
Format	Color
RYB	106, 175, 177
Decimal	6992236
CIELab	66.21, -36.68, 28.49
CIELCh	66, 46.445, 142.159
Yxy	35.5912, 0.3057, 0.4464
Android (android.graphics.Color)	4285182316 (0xFF6AB16C)
YUV	147.9050, -19.6732, -36.7507
Hunter-Lab	59.6584, -31.4764, 22.1180

Details

The Yxy color **35.5912, 0.3057, 0.4464** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.7564, 0.3195, 0.2343**, and the grayscale version is **29.6640, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.2895, 0.3084, 0.4213**, and **15.4880, 0.2997, 0.4904** is the 20% darker color. If you saturate the color by 10%, you get **34.2867, 0.3039, 0.4811**, and if you desaturate by 10%, it is **37.1949, 0.3076, 0.4129**.

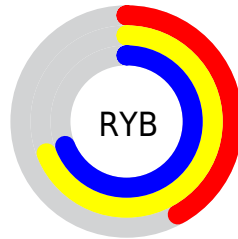
Distribution



Red (42%)

Green (69%)

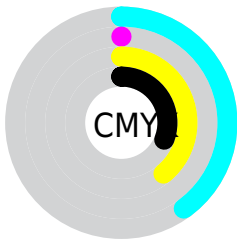
Blue (42%)



Red (42%)

Yellow (69%)

Blue (69%)

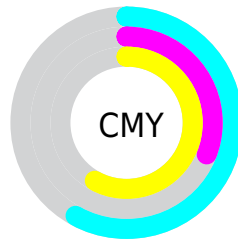


Cyan (40%)

Magenta (0%)

Yellow (39%)

Black (31%)



Cyan (58%)


Magenta (31%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5912, 0.3057, 0.4464 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 35.5912, 0.3057, 0.4464 by changing the saturation by 10% instead.

 35.5912, 0.3057,
0.4464


 35.5912, 0.3057,
0.4464


327.1702, 0.3115,
0.3815

 24.1186, 0.3032,
0.4647


 68.4006, 0.3085,
0.4213

 15.4217, 0.2993,
0.4896


 90.5063, 0.3093,
0.4123

 9.1158, 0.2926,
0.5249


 116.9251, 0.3099,
0.4049

 4.8168, 0.2798,
0.5784

 148.0414, 0.3104,
0.3987

 2.1402, 0.2745,
0.7255

184.2397, 0.3108,
0.3935

 0.6871, 0.0000,
1.0000

225.9044, 0.3111,

 0.0000, 0.0000,

0.3889

0.0000

273.4197, 0.3113,
0.3850

■ 35.5912, 0.3057,
0.4464

■ 35.5912, 0.3057,
0.4464

■ 34.2867, 0.3039,
0.4811

■ 37.1949, 0.3076,
0.4129

■ 33.2588, 0.3022,
0.5151

■ 39.1098, 0.3094,
0.3818

■ 32.4887, 0.3009,
0.5459


■ 41.3529, 0.3111,
0.3539


■ 31.9536, 0.3001,
0.5710

■ 43.9386, 0.3127,
0.3292

■ 31.6268, 0.2997,
0.5885


■ 46.8803, 0.3141,
0.3078

 31.4558, 0.2995,
0.5982

 50.1908, 0.3154,
0.2893

 53.8823, 0.3165,
0.2733

 57.9664, 0.3175,
0.2597

 59.9252, 0.3163,
0.2527

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



35.5912, 0.3737, 0.4578



35.5912, 0.3057, 0.4464



35.5912, 0.2431, 0.3883

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



35.5912, 0.3057, 0.4464



35.5912, 0.2032, 0.2257



35.5912, 0.4361, 0.3254

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



35.5912, 0.3057, 0.4464



22.7564, 0.3195, 0.2343

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



35.5912, 0.3795, 0.2768



35.5912, 0.3057, 0.4464



35.5912, 0.2436, 0.2217

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



35.5912, 0.3057, 0.4464



35.5912, 0.1890, 0.2557



35.5912, 0.3068, 0.2402



35.5912, 0.4537, 0.3785

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



35.5912, 0.3057, 0.4464



35.5912, 0.2128, 0.3378



35.5912, 0.3068, 0.2402



35.5912, 0.4208, 0.3083

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



35.5927, 0.3057, 0.4464



73.1651, 0.3108, 0.3595



41.6952, 0.3705, 0.4269



15.7428, 0.3106, 0.3629



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



35.5927, 0.3057, 0.4464



61.6762, 0.3041, 0.4767



36.4844, 0.2812, 0.3857



9.4938, 0.3112, 0.3519



22.7917, 0.2994, 0.5978



0.7184, 0.2968, 0.5886

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



22.7564, 0.3195, 0.2343



35.5317, 0.3210, 0.2156



21.5626, 0.3631, 0.2792



8.6426, 0.3142, 0.3072



8.9354, 0.3278, 0.1579



0.2824, 0.3257, 0.1568

Previews

White Background



This preview shows how the Yxy color 35.5912, 0.3057, 0.4464 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 35.5912, 0.3057, 0.4464 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

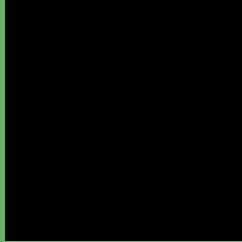
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 35.5912, 0.3057, 0.4464

Background



This preview shows how black text looks on a background with the Yxy color 35.5912, 0.3057, 0.4464.



This preview shows how white text looks on a background with the Yxy color 35.5912, 0.3057, 0.4464.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

35.5912, 0.3057, 0.4464

Protanopia

35.0799, 0.3816, 0.4135

Deuteranopia

34.9219, 0.3912, 0.3837



Tritanopia

35.4476, 0.2631, 0.3075

Trichromacy



Original Color

35.5912, 0.3057, 0.4464

Protanomaly

34.6615, 0.3502, 0.4254

Deuteranomaly

34.3593, 0.3559, 0.4065

Tritanomaly

35.2054, 0.2790, 0.3548

Monochromacy



Original Color

35.5912, 0.3057, 0.4464

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

31.4763, 0.3107, 0.3718

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5912, 0.3057, 0.4464 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(106, 177, 108)` looks like.

```
.text, #text, p{  
    color:rgb(106, 177, 108)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(106, 177, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 177, 108) }
```

Border

The CSS property to change the border of an element to Yxy 35.5912, 0.3057, 0.4464 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(106, 177, 108) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(106, 177, 108) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(106, 177, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 177, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 177, 108);  
box-shadow:4px 4px 4px 4px rgb(106, 177,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5912, 0.3057, 0.4464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 177, 108) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(106,  
177, 108) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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